

# N O V E M B E R

at the

## CALIFORNIA ACADEMY OF SCIENCES

### NOVEMBER MEETING

Date: Wednesday, November 14, 8:15 p.m.

Place: Morrison Auditorium

Speaker: Kenneth Morrison

Subject: "THE LONG FLIGHT BACK"

The first in the series of 1962-63 Audubon Screen Tours made possible to the membership by the Walter B. Scaife Foundation features Kenneth Morrison, Director of the Mountain Lake Sanctuary and Singing Tower at Lake Wales, Florida. He has, for twenty years, been a writer and speaker on subjects pertaining to natural resource conservation.

This is the story of returning wings in the long flight back from near extinction to survival; a story of threatened wildlife from the Caribbean to the Mackenzie, climaxed by the heart-breaking journeys of the whooping crane and the comeback of America's flame-birds, the roseate spoonbill and flamingo. In color.

### MORRISON PLANETARIUM

Beginning November 6 and running through December 2: "UNCHAINED GODDESS - A Trip to the Andromeda Galaxy". By exploring the mysteries of this distant "island universe", man has a better understanding of his own galaxy. Adults, 75¢, Juniors, 40¢.

Performances:

Monday..... Closed

Tuesday..... 3:30 p.m. only

Wed, Thurs, Fri ..... 3:30 & 8:30 p.m.

Saturday, Sunday ..... 2:00, 3:30 & 8:30 p.m.

### SPECIAL EXHIBITS

Exhibit of the Month: "SOUTH PACIFIC SEA SHELLS" from the Academy collections. Main Foyer, Science Museum.

"WILDLIFE PAINTINGS" by the late Allan Brooks continues in Lovell White Hall through November 25.

"GLEN CANYON", photographic enlargements in color by Eliot Porter, also continues in Lovell White Hall through November 25.

### "SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4

November 5: "PROJECT MOHOLE", with Guest Scientist Willard Bascom, project director.

November 12: "TELSTAR", with Dr. Robert Shennum, Bell Laboratories, Murray Hill, New Jersey.

November 19: "LEARNING MACHINES", with Dr. Richard K. Overton, Autonetics Division, North Aviation, Inc.

November 26: "NEW WEATHER THEORIES", with Dr. Walter Orr Roberts, University of Colorado.

## NEWS and NOTES .....

Dr. Earl S. Herald, Superintendent-Curator of Steinhart Aquarium, has the distinction of being one of two U. S. citizens elected to membership in the International Union of Directors of Zoological Gardens at a meeting held in San Diego September 30 through October 5. Dr. Herald thus joins a select handful of Americans belonging to this international group.

Since many of the zoological gardens of the world also have aquaria connected with them, Steinhart Aquarium was host both before and after the meetings to many distinguished foreign visitors, including zoological garden directors from Tokyo, Berlin, Amsterdam and Cologne. These gentlemen were particularly interested in seeing at first-hand the many innovations being incorporated into the rehabilitation of the Academy's aquarium.

Mrs. Gladys L. Smith, Technical Assistant in the Department of Botany, is the author of a new volume, "FLOWERS OF LASSEN", published by the Loomis Museum Association, Lassen Volcanic National Park, in cooperation with the National Park Service and the Academy. The compact, handsome book is copiously illustrated with both line drawings and color photographs.

### New Scientific Publication of the California Academy of Sciences

#### Occasional Papers:

"The Geological History of Eagle Lake, Lassen County, California. G.C. Gester. No. 34, August 31, 1962.

On October 4, the California Botanical Club held its 72d Annual Meeting in the Norman B. Livermore Room at the Academy. The Club was founded in 1891 by Mrs. Katharine Brandegee, then Curator of Botany, when the CAS had its museum and offices on Market Street.

Two reminders of benefit to both you and the Academy: (1) By sending in your 1963 membership dues now, or before the end of the year, you will assist the office staff greatly; and (2) A subscrip-

tion to PACIFIC DISCOVERY makes a most attractive and different Christmas gift, one that your friends will enjoy throughout the year. Six issues, \$4.00.

Completion of a unique documentary film, "The Story of Brine Shrimp", two years in the making, has been announced. This color-sound film was produced by the staff of Steinhart Aquarium for the San Francisco Aquarium Society at the request of many aquarists seeking background information on this small organism used as fish food around the world. *Artemia salina*, a one-half inch crustacean, is found in the salt beds at the south end of San Francisco Bay.

Unusual micro-photography and studies of the feeding habits of many fishes make this film a fascinating documentary. Subsequently, "The Story of Brine Shrimp" will be made available to motion picture distributors throughout the country. It is narrated by Dr. Earl S. Herald.

The Mill Valley Public Library has generously contributed an impressive group of pictorial magazines to be incorporated in the newly-organized Minerva Hirst Picture Collection (see NEWSLETTER, October, 1962). Also, to further the purposes of the collection, three gifts of \$10.00 each have been given by anonymous donors. The money will be used to buy part of the badly-needed equipment necessary to maintain the growing collection. Any similar gifts from interested members would be greatly appreciated.

A visitor at the Academy on October 8 was James M. Brown, Director of the Corning Glass Center in Corning, New York. Mr. Brown was the featured speaker at the 20th annual meeting of the Western Museums League held at Palm Springs, October 6-7.

The meeting at Palm Springs, honoring the recent completion of a fine new building and a spacious auditorium for the Palm Springs Desert Museum, was attended by 136 registered delegates.

Among those present, special recognition was given to Mr. Thomas Slavin, now a resident of Berkeley, who was the first president of the Board of Trustees of the Palm Springs Desert Museum, of which Dr. C. E. Smith is director.



# Meet the Staff



JACQUELINE SCHONEWALD, as Technical Assistant in the Department of Birds and Mammals, has as diversified duties as anyone on the Academy staff. Under the direction of the Curator of the Department, she takes part in the maintenance of some 76,000 study skins of birds, 13,000 study skins of mammals, a large egg collection, and numerous preserved specimens. She has, in the past, been responsible for the care and feeding of snowshoe rabbits, skunks, bats, flying squirrels, wood rats and chipmunks under observation by the Department - not to mention several itinerant cats found homeless in Golden Gate Park. She is also secretary-clerk, and when called upon, is capable of making drawings and illustrations for various scientific publications emanating from the Department.

Mrs. Schonewald was born in Paris and received her education at the College de Jeunes Filles at Montargis and at the Alliance Francaise. An interest in natural history began early in life but became sharply focused when she went into the employ of Julien Marnier-Lapostolle who maintains a magnificent botanical garden on the French Riviera. She was charged with the cataloging and documentation of all information about his collections and it was this employment which led eventually to her association with the Academy.

She, with her husband, Hans, and her daughter, Christine, emigrated to the United States in February, 1955, and came directly to San Francisco. Within a month, she was in the Academy's employ.

The interest in animals does not stop at the Academy's doors. At home, the Schonewald family enjoys the company of two bush babies, Boris - a Slow Loris, two parrots, a kangaroo rat, three cats and four guinea pigs.

A growing interest in photography asserts itself on the camping trips the Schonewalds take when possible. And there is always the excitement of bird watching. At home, Jacqueline experiments with the cuisine of many countries, and finds much pleasure in creating her own gourmet dishes.

"Now, if I can find the time to paint and draw the animals I love so much," she commented, "I think I will be completely happy."

## NEW MEMBERS OF THE ACADEMY

### Regular Membership

Mr. Donald Paul Bauer, Jr.	Mr. L. A. Norman, Jr.
Dr. Rodger C. Bishton	Mrs. Elizabeth Orr
Dr. Ben Colloff	Mr. Pete A. Paloma
Mr. Bruce Graham	Mr. Donald J. Pearce
Mr. Hubert Heitman, Jr.	Mr. Robert A. Short
Mr. Henry Horowitz	Mr. Richard I. Stewart
Mr. Earl L. Jessen	Mr. Donald Dean Stone

Mr. Claude Victory

### Family Membership

Dr. George G. Holdt	Dr. Lloyd H. Logan
Mrs. Helen L. Issel	Mr. Dana D. Smith
Mr. Martin R. Kuhn	Mr. Donald Thayer

### Life Membership

Mr. Niels Schultz, Jr.

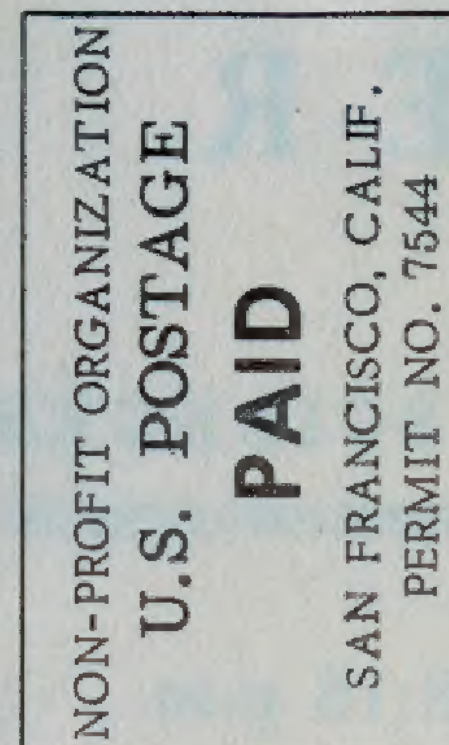
### Student Membership

Ronald Chen	Nino J. Maida
Lawrence L. Cristofani	Jeanett Thamm
Valerie Ann Johnson	John Umekubo

Don Whearty

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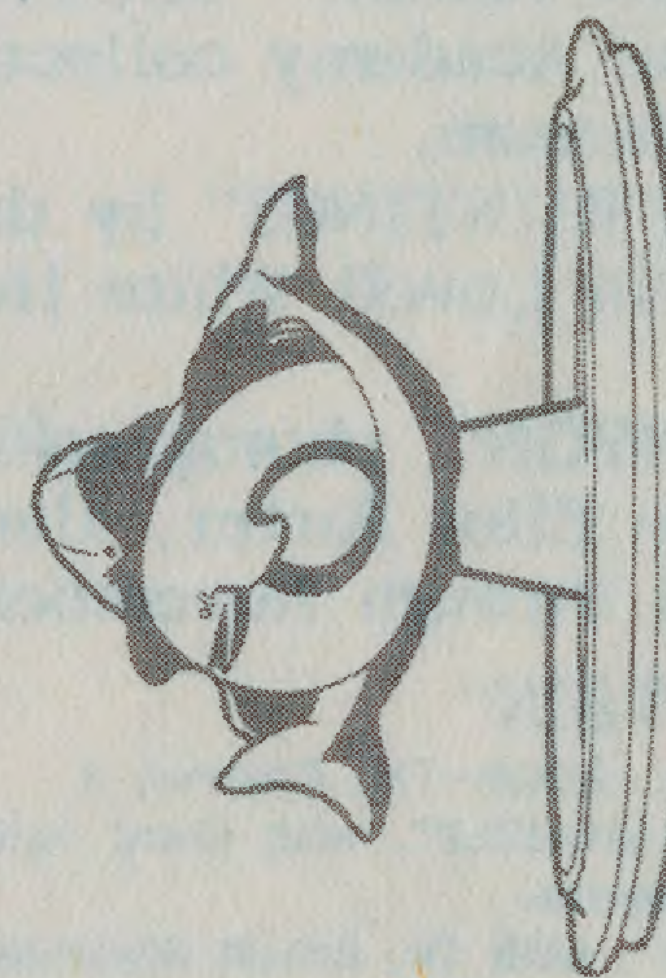
Open every day of the year 10:00 a.m. to 5:00 p.m. - Admission Free



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